2019

PONY

Maths

For The primary stage

1st. Primary

f PONY in mathematics

012 10 90 18 17

0100 42 010 98

Mr. Mohamed Nasr El Din

PONY

Maths

For The Primary Stage

1st. Primary

Lessons

Second term

unit 1

Numbers Up to 100

Lesson 1

Reading and Writing Numbers up to 100

0	zero	10	Ten	20	twenty
1	one	11	eleven	30	thirty
2	two	12	twelve	40	forty
3	three	13	thirteen	50	fifty
4	four	14	fourteen	60	sixty
5	five	15	fifteen	70	seventy
6	six	16	sixteen	80	eighty
7	seven	17	seventeen	90	ninety
8	eight	18	eighteen	100	One hundred
9	nine	19	nineteen		

Write in words:

12 :...................   14 :...................   20 :...................

40 :...................   15 :...................   17 :...................

50 :...................   70 :...................   30 :...................

Write in digits :

Sixteen : ....   Sixty : ....   eighteen : ....

Thirty : ....   eleven : ....   Fifteen : ....

nineteen : ....   Eighty : ....   thirteen : ....

Match

ten	eighteen	Thirteen	Forty	fifty

10	17	30	13	18	14	80	50	40	12

thirty	Seventeen	Eighty	fourteen	twelve

Units and Tens

5 Tens + 4 units = | T | U |
| 5 | 4 |
fifty four

3 units + 6 tens = | T | U |
| 6 | 3 |
sixty three

4 Tens + 5 units = | T | U |
| 4 | 5 |
forty five

6 units + 3 tens = | T | U |
| 3 | 6 |
thirty six

Complete :

8 Tens + 5 units = ... (in words) ....

7 Tens + 2 units = ... (in words) ....

2 units + 3 Tens = ... (in words) ....

8 units + 4 Tens = ... (in words) ....

...... Tens + ... units = **32** (in words) ....

...... Tens + ... units = **85** (in words) ....

...... units + ... tens = **12** (in words) ....

...... units + ... tens = **28** (in words) ....

9 units = ·······   15 units = ·······   10 units = ·······

...... tens = 50   ...... tens = 100   ...... tens = 90

...... units = 8   ...... units = 20   ...... units = 35

Lesson 3

The place value

The place value	➡	Tens ↘ ↗ units
The value	➡	5 5
		50 5

Complete the following table :

The number	8 ③	④ 5	① 7	6 ⑦
The value				
the palce value				

circle the <u>value</u> of the encircled digit

⑦ 2	6 ⑤	⑧ 3	8 ⑨	③ 4
70 – 7	50 – 5	80 – 8	90 – 9	30 – 3
7 ②	6 ④	8 ⑥	8 ①	⑧ 4
20 – 2	40 – 4	60 – 6	10 – 1	80 – 8

Complet : the palce value of the digit 9 in :

79 is ....   98 is ....

92 is ....   19 is ....

9 is ....   90 is ....

Arrange and compare numbers up to 100

from the greatest to the smallest

descending UP down ascending

from the smallest to the greatest

Put the following numbers in an **ascending** order

from the smallest to the greatest

45 , 22 , 17 , 56 , 37

☐ ☐ ☐ ☐ ☐

72 , 12 , 52 , 20 , 10

☐ ☐ ☐ ☐ ☐

Put the following numbers in a **descending** order

from the greatest to the smallest

80 , 50 , 20 , 100 , 30

☐ ☐ ☐ ☐ ☐

50 , 15 , 5 , 55 , 25

☐ ☐ ☐ ☐ ☐

5 > 3
5 is **greater than** 3

4 = 4
4 **equals** 4

2 < 8
3 is **Less than** 8

Complete using (< , = or >)

58 ⬜ 54   23 ⬜ twenty six   sixty four ⬜ 46

81 ⬜ 15   12 ⬜ twenty   ninety ⬜ 91

59 ⬜ 80   62 ⬜ fifty three   eighteen ⬜ 80

Complete

two < ⬜   ⬜ < 18   10 < ⬜

two > ⬜   ⬜ > 18   12 > ⬜

⬜ > 13   ⬜ = twenty   nineteen > ⬜

⬜ < 17   ⬜ < eight   eleven = ⬜

Lesson 5

| After بعد | Before قبل |

Write the number just after :

28 is ....   15 is ....   7 is ....

30 is ....   49 is ....   78 is ....

Write the number just before :

15 is ....   70 is ....   47 is ....

56 is ....   100 is ....   1 is ....

Complete :

16 , 17 , 18 , ... , ... , ... , ...

90 , 89 , 88 , ... , ... , ... , ...

29 , 28 , 27 , ... , ... , ... , ...

65 , 66 , 67 , ... , ... , ... , ...

85 , 86 , 87 , ... , ... , ... , ...

100 , 99 , 98 , ... , ... , ... , ...

The number comes after 99 is ....

The number comes after 88 is ....

The number comes before 70 is ....

The number comes before 96 is ....

Lesson 6

Ordinal Numbers

First	1st	الأول
Second	2nd	الثانى
Third	3rd	الثالث
Fourth	4th	الرابع
Fifth	5th	الخامس
Sixth	6th	السادس
Seventh	7th	السابع
Eighth	8th	الثامن
Ninth	9th	التاسع
Tenth	10th	العاشر
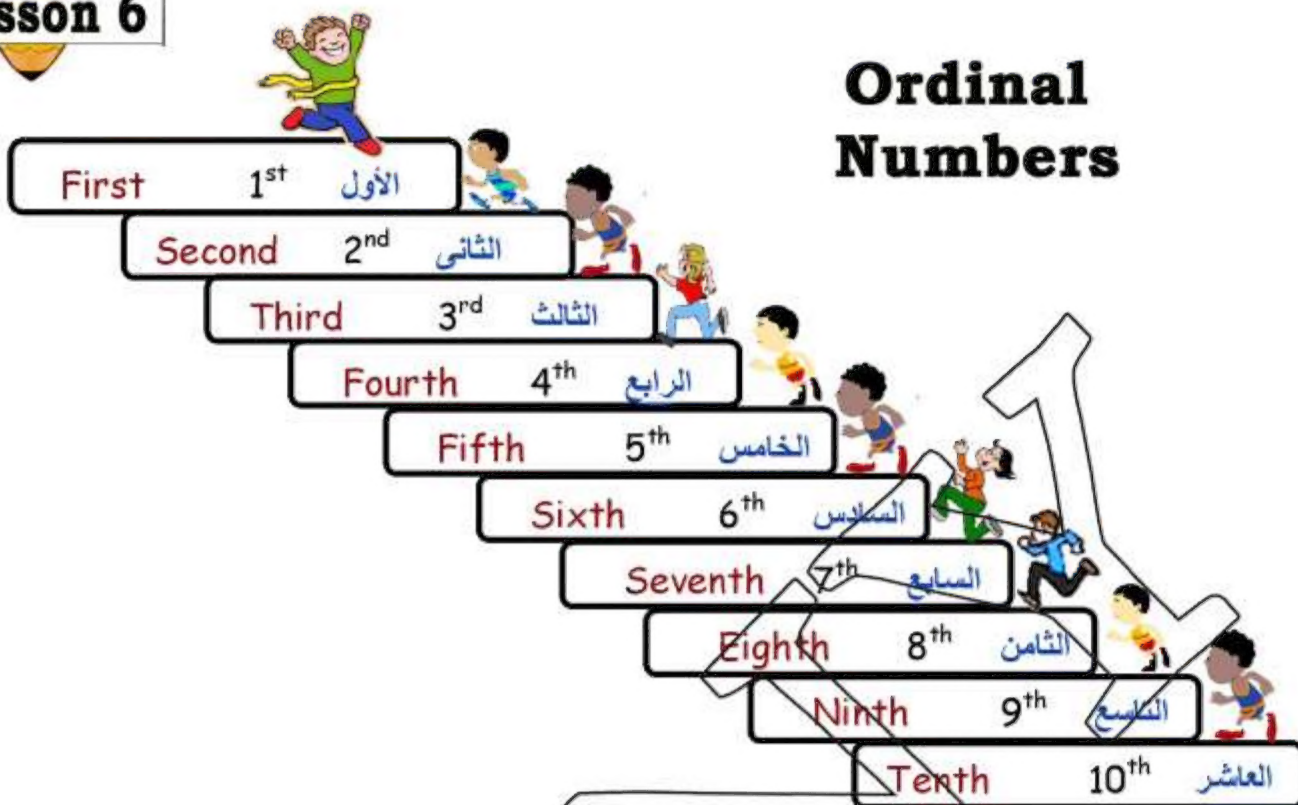
Write the order of the circled picture :

❶ ❷ ③ ❹ ❺ ❻ ❼ ❽ ❾ ❿   ....

⬤ ⬤ ⬤ ⬤ ⬤ ⬤ ⬤ ⬤ ⬤ ⊙   ....

👤 👤 👤 👤 👤 👤 👤 👤 👤 👤   ....

🐀 🐀 🐀 🐀 🐀 🐀 🐀 🐀 🐀 🐀   ....

❤ ❤ ❤ ❤ ❤ ❤ ❤ ❤ ❤ ❤   ....

🏍 🏍 🏍 🏍 🏍 🏍 🏍 🏍 🏍 🏍   ....

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Circle according to the order :

🕊 🕊 🕊 🕊 🕊 🕊 🕊 🕊 🕊 🕊	First
🛏 🛏 🛏 🛏 🛏 🛏 🛏 🛏 🛏 🛏	Third
💊 💊 💊 💊 💊 💊 💊 💊 💊 💊	Fifth
🚗 🚗 🚗 🚗 🚗 🚗 🚗 🚗 🚗 🚗	Seventh
🌙 🌙 🌙 🌙 🌙 🌙 🌙 🌙 🌙 🌙	Ninth
✒ ✒ ✒ ✒ ✒ ✒ ✒ ✒ ✒ ✒	Tenth
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩	Second
📖 📖 📖 📖 📖 📖 📖 📖 📖 📖	Fourth
🏴 🏴 🏴 🏴 🏴 🏴 🏴 🏴 🏴 🏴	Eighth
🌸 🌸 🌸 🌸 🌸 🌸 🌸 🌸 🌸 🌸	sixth

Lesson 7

number	عدد	digit	رقم
The smallest	الأصغر	The greatest	الأكبر
same	متشابهه	different	مختلفة
2-digit-number		عدد مكون من رقمين	

Complete :

- The **greatest** 2-digit number is ....

- The **greatest** 2- **different** - digit number is ....

- The **greatest** 2- **same** - digit number is ....

- The **smallest** 2-digit number is ....

- The **smallest** 2- **different** - digit number is ....

- The **smallest** 2- **same** - digit number is ....

- The **greatest** number formed from 3 and 4 is ....

- The **greatest** number formed from 9 and 2 is ....

- The **smallest** number formed from 3 and 7 is ....

- The **smallest** number formed from 6 and 9 is ....

- 10 , 20 , 30 , ... , ... , ...

- 100 , 90 , 80, ... , ... , ...

- 15 , 25 , 35 , ... , ... , ...

- 82 , 72 , 62 , ... , ... , ...

Lesson 8 — General Exercises on unit 1

Write in words:

42 : ....   20 : ....

51 : ....   17 : ....

Write in digits :

Sixty eight : ....   Thirty Six : ....   nineteen : ....

Complete

8 Tens + 5 units = ...   (in words) ....

2 units + 3 Tens = ...   (in words) ....

...... units + ... tens = 28   (in words) ....

...... Tens + ... units = 32   (in words) ....

Complete the following table :

The number	8	③	④	5	①	7	6	⑦
The value								
the palce value								

Arrange in an ascending order

48 , 79 , 32 , 64 , 50

☐ , ☐ , ☐ , ☐ , ☐

Arrange in a descending order

72 , 42 , 15 , 90 , 36

☐ , ☐ , ☐ , ☐ , ☐

Complete using (< , = or >)

| 58 ☐ 54 | 23 ☐ twenty six | sixty four ☐ 46 |
| 59 ☐ 80 | 62 ☐ fifty three | eighteen ☐ 80 |

Complete

| two < ☐ | ☐ < 18 | 10 < ☐ |
| ☐ > 13 | ☐ = twenty | nineteen > ☐ |

Complete :

29 , 28 , 27 , ... , ... , ... , ...

90 , 89 , 88 , ... , ... , ... , ...

The number comes after 88 is ....

The number comes before 70 is ....

Circle according to the order :

| First |
| Fifth |
| Seventh |
| Ninth |

unit 2

Adding and Subtracting Numbers up to 100

Adding 2-digit numbers up to 100

Tens Units

T U T U T U
3 5 + 4 1 = 7 6

```
   Tens  Units
     3     5
  +  4     1
  ─────────────
     7     6
```

Add :

```
   2 3
 +   4
 ──────
 ..........
```

```
   4 5
 + 2 0
 ──────
 ..........
```

```
   8 2
 + 1 7
 ──────
 ..........
```

```
   7 4
 +   3
 ──────
 ..........
```

```
   7 1
 + 1 8
 ──────
 ..........
```

```
   3 8
 + 5 1
 ──────
 ..........
```

```
   2 3
 + 4 6
 ──────
 ..........
```

```
     7
 + 2 1
 ──────
 ..........
```

```
   1 2
 + 4 3
 +   4
 ──────
 ..........
```

```
   2 3
 + 3 2
 + 3 4
 ──────
 ..........
```

```
   1 5
 + 2 0
 + 3 1
 ──────
 ..........
```

```
   2 2
 +   1
 + 1 5
 ──────
 ..........
```

Add :

$2\ 3 + 3\ 4 = \ldots\ldots$ $3\ 5 + 4\ 2 = \ldots\ldots$

$2\ 4 + \quad 5 = \ldots\ldots$ $4\ 3 + \quad 3 = \ldots\ldots$

$3\ 6 + 1\ 2 = \ldots\ldots$ $4\ 2 + 2\ 4 = \ldots\ldots$

$2\ 8 + 2\ 0 = \ldots\ldots$ $5\ 3 + 2\ 5 = \ldots\ldots$

$2\ 3 + 4\ 2 + 3\ 1 = \ldots\ldots$

$4\ 7 + 2\ 0 + \quad 2 = \ldots\ldots$

$5\ 2 + 2\ 1 + 2\ 0 = \ldots\ldots$

Match:

23 + 32	54 + 45	24 + 42	16 + 61

63 + 36	52 + 25	14 + 41	15 + 51

Lesson 2

Adding 2-digit numbers
up to 100 (by renaming)

```
    1
    4      8
+   2      5
─────────────
    6    ①3

    7      3
```

```
    1
    4 8 + 2 5 =  6  ①3  =  7 3
```

> 8 plus 5 equals 13
> write 3 and carry up one
> over 4 .
> 4 becomes 5
> 5 plus 2 equals 7 .
> The result is 73

Add :

```
   3 5          5 6          3 9          2 6
+    8        +   4        +   7        +   6
─────────    ─────────    ─────────    ─────────
..........    ..........    ..........    ..........
```

```
   3 9          5 7          2 6          6 3
+  4 7        + 2 9        + 4 9        + 1 7
─────────    ─────────    ─────────    ─────────
..........    ..........    ..........    ..........
```

```
   2 3          3 2          4 5          2 9
+  3 9        + 1 7        +   2        + 1 7
+    1        + 1 3        + 3 5        + 1 5
─────────    ─────────    ─────────    ─────────
..........    ..........    ..........    ..........
```

Add :

$2\ 3 + 3\ 7 =$ ....

$4\ 8 + 3\ 9 =$ ....

$6\ 2 + 1\ 9 =$ ....

$5\ 6 + 2\ 9 =$ ....

$3\ 8 + \quad 7 =$ ....

$3\ 7 + \quad 7 =$ ....

$7 + 2\ 9 =$ ....

$5 + 2\ 5 =$ ....

$3\ 5 + 1\ 2 + 3\ 8 =$ ....

$2\ 8 + 3\ 7 + 1\ 3 =$ ....

$3\ 7 + \quad 9 + 2\ 6 =$ ....

Match:

$2\ 6 + 3\ 8$	$4\ 5 + 4\ 5$	$6\ 3 + 2\ 9$	$7\ 5 + \ 9$

$6\ 3 + 2\ 7$	$4\ 6 + 3\ 8$	$1\ 9 + 4\ 5$	$4\ 4 + 48$

Lesson 3 — Subtracting 2-digit numbers up to 100

Tens	Units
7	6
− 4	1
3	5

$$\overset{T\ U}{7\ 6} - \overset{T\ U}{4\ 1} = \overset{T\ U}{3\ 5}$$

Subtract :

$$\begin{array}{r} 2\ 8 \\ -\ \ \ 4 \\ \hline \dots\dots \end{array} \qquad \begin{array}{r} 4\ 5 \\ -\ \ \ 2 \\ \hline \dots\dots \end{array} \qquad \begin{array}{r} 8\ 3 \\ -\ 1\ 3 \\ \hline \dots\dots \end{array} \qquad \begin{array}{r} 7\ 4 \\ -\ 2\ 4 \\ \hline \dots\dots \end{array}$$

$$\begin{array}{r} 7\ 7 \\ -\ 5\ 4 \\ \hline \dots\dots \end{array} \qquad \begin{array}{r} 7\ 8 \\ -\ 1\ 5 \\ \hline \dots\dots \end{array} \qquad \begin{array}{r} 7\ 6 \\ -\ 4\ 2 \\ \hline \dots\dots \end{array} \qquad \begin{array}{r} 8\ 7 \\ -\ 2\ 1 \\ \hline \dots\dots \end{array}$$

$8\ 9 - 3\ 4 = \dots\dots$ | $9\ 5 - 4\ 2 = \dots\dots$

$2\ 4 - \quad 1 = \dots\dots$ | $9\ 7 - \quad 3 = \dots\dots$

$3\ 6 - 1\ 2 = \dots\dots$ | $4\ 9 - 2\ 4 = \dots\dots$

Exercises on Addition and Subtraction

Complete using (**<** , **=** or **>**)

$23 + 45$	☐	86	$25 + 35$	☐	$80 -- 20$
$78 -- 43$	☐	35	$64 + 28$	☐	$36 -- 24$
45	☐	$73 -- 32$	$65 -- 35$	☐	$73 -- 42$
78	☐	$79 -- 0$	$34 + 34$	☐	$43 + 43$

Complete

$36 + 63$ **<** ☐   ☐ **<** $68 -- 67$

$56 + 37$ **>** ☐   ☐ **>** $69 -- 56$

$94 + 6$ **=** ☐   ☐ **=** $78 -- 45$

Match:

$34 + 25$	$73 + 26$	$45 + 29$	$23 + 19$

$100 - 1$	$78 - 36$	$99 - 40$	$87 - 13$

Lesson 4

Word Problems

The price	الثمن	pound (LE)	جنيه
money	نقود	piaster (PT)	قرش

LE12 LE10 LE23 LE35

Comlete :

The price of 🌹 and 🍌 = ... + ... = LE ....

The price of 🚗 and 🧸 = ... + ... = LE ....

The price of 🌹 and 🧸 = ... + ... = LE ....

The price of 🍌 and 🚗 = ... + ... = LE ....

The price of 🚗 , 🍌 and 🌹

= ...... + ... + ... = LE ......

20

buy	يشترى	has - have	يمتلك	sum	مجموع
bought	اشترى	had	كان معه	total	مجموع
pay	يدفع	How much	كم كمية	together	معا
paid	دفع	How many	كم عدد		

Alaa bought milk for L.E. 12 and candies for L.E. 18 .

How much money did Alaa pay ?

Alaa paid = ... **+** .... **= L.E.** ....

Omar bought a pen for L.E. 23 and a book for L.E. 36 .

How much money did omar pay ?

Omar paid = ... **+** .... **= L.E.** ....

Rana has L.E. 29 and Sara L.E. 37

How much money do Rana and Sara have together?

Rana and Sara have = ... **+** .... **= L.E.** ....

Adam has L.E. 26 , Mena L.E. 28 and Hana has L.E. 34

Find the sum of their money.

The sum = ... **+** .... **+** .... **= L.E.** ....

remainder	الباقى	left	الباقى
remaining	الباقى	difference	الفرق

Alaa had L.E. 28 she bought candies for L.E. 12

Find the remaining money with Alaa

the remainder = ... − .... = L.E. ....

Sara had L.E. 25 she bought a pen for L.E. 15

Find the remaining money with Sara .

the remainder = ... − .... = L.E. ....

Sama has 36 apples she eats 10 apples

How many apples are remain ?

the remainder = ... − .... = ... apples

Omar had L.E. 66 . he bought a pen for L.E. 32

and a book for L.E. 20

Find the remaining money with Omar .

Omar paid = ... + ... = L.E. ....

the remainder = ... − .... = L.E. ....

Adam had L.E. 65 . he bought a toy for L.E. 13

and a ruler for L.E. 22

Find the remaining money with Adam .

Adam paid = ... + ... = L.E. ....

the remainder = ... − .... = L.E. ....

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General exercises on unit 2

Find :

```
  2 3        4 5        5 7
+   4      + 2 0      + 2 9
_____   _____   _____
..........  ..........  ..........
```

```
  2 6        7 8        7 6
+ 4 9      - 1 5      - 4 2
_____   _____   _____
..........  ..........  ..........
```

3 5 + 4 2 = ...

5 6 + 2 9 = ...

3 7 + 7 = ...

9 5 − 4 2 = ...

9 7 − 3 = ...

Complete using (< , = or >)

2 3 + 4 5 ☐ 8 6   2 5 + 3 5 ☐ 8 0 -- 2 0

4 5 ☐ 7 3 -- 3 2   6 4 + 2 8 ☐ 3 6 -- 2 4

The price of

🚗 **and** 🧸 = ... + ... = LE ......

LE 23   LE 35

Adam had L.E. 65 . he bought a toy for L.E. 13

and a ruler for L.E. 22

Find the remaining money with Adam .

Adam paid = ... + ... = L.E. ....

the remainder = ... − .... = L.E. ....

unit 3

Geometry and Measurment

Lesson 1

The Length الطول

Arrange the following children according to their height :

The tallest ……………………

……………………

……………………

……………………

The shortest ……………………
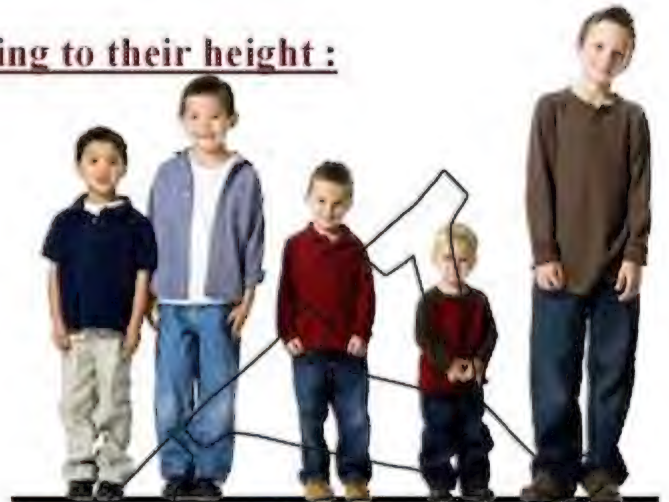
Ayman   Aly   Ahmed   Fady   Samy

Order from the shortest to the longest :

(a) ————————————

(b) ————————————

(c) ————————————

(d) ————————————

(e) ————————————

Consider the length of the small square a unit of measuring the length .
Write the measure of each line under it :

…… units   …… units   …… units

…… units   …… units   …… units

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Lesson 2

Solids المجسمات
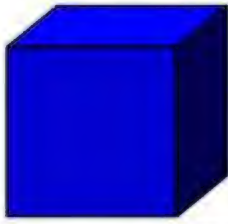
Cube	Cuboid	pyramid
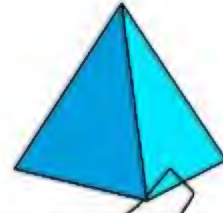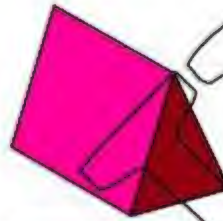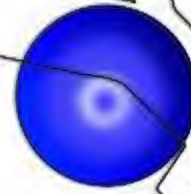
Cylinder	Cone	Prism	sphere

Match each solid to its name
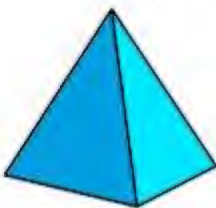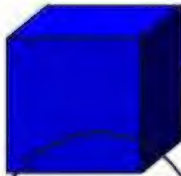
Cube

Cuboid

pyramid

Cylinder

Cone

Prism

sphere
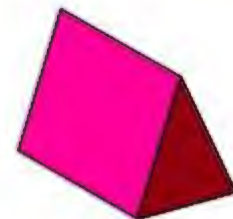
Shaps الأشكال
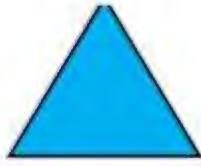
Triangle   Rectangle   Circle   Square
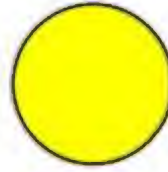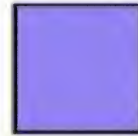
Match each shape to its name

Rectangle	Triangle	Square	Circle

Write the name of the shape the arrow points to :

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Lesson 3
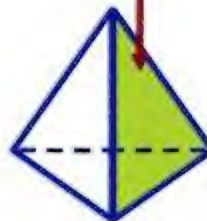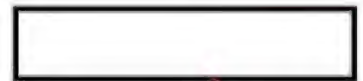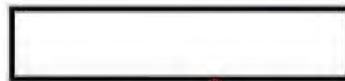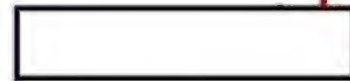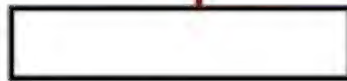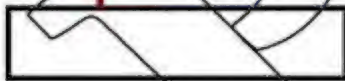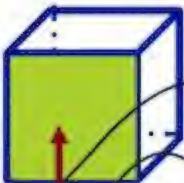
Fractions   الكسور

Half	Quarter	Third
$\frac{1}{2}$ $\frac{1}{2}$	$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	$\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{3}$
one pizza = 2 halves	one pizza = 4 quarter	one pizza = 3 Thirds

Write $\frac{1}{2}$ $\frac{1}{4}$ or $\frac{1}{3}$ under the figure :

....

....

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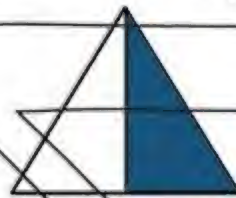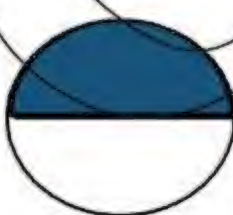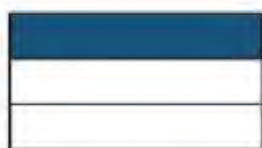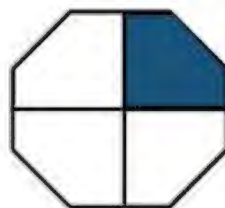
Colour $\frac{1}{2}$ of each of the following :
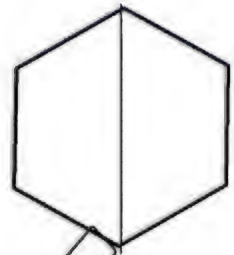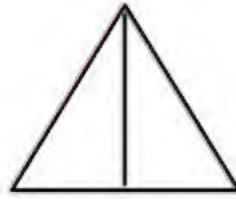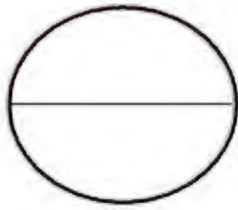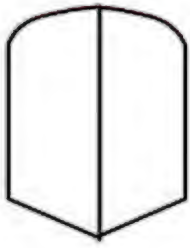
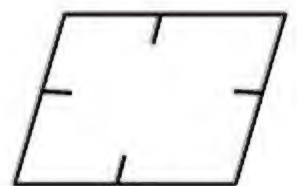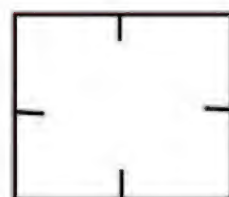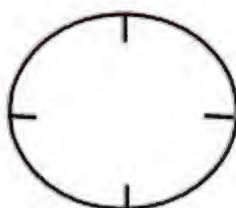## Colour $\frac{1}{4}$ of each of the following :
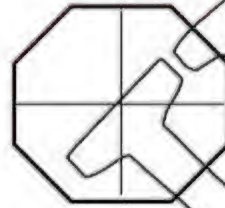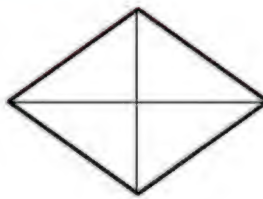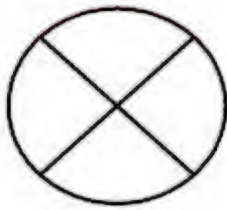
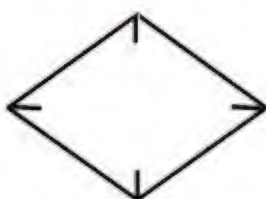## Colour $\frac{1}{4}$ of each of the following :
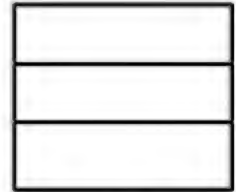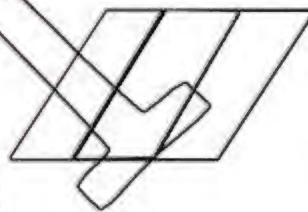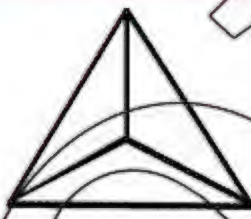
Divide each figure into 2 halves:
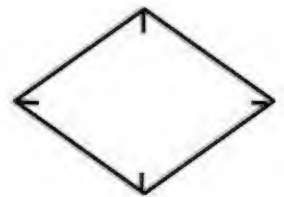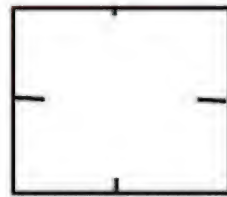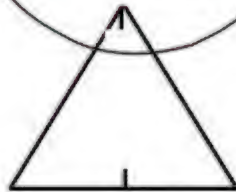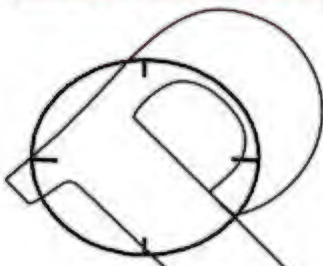
Divide each figure into 4 quarters :

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Telling the time

Digital Clock

04:00

Hours   Minutes

It's **4** O'clock

Analog Clock

Minutes hand
عقرب الدقائق

Hours hand
عقرب الساعات

It's **3** O'clock

Write the time

It's ..... O'clock
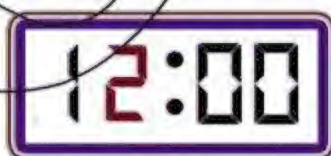
It's ..... O'clock

Draw the hands :

It's **7** O'clock

It's **3** O'clock

Write the time shown by the clock :

09:00

12:00

05:00

It's ..... O'clock

It's ..... O'clock

It's ..... O'clock

Write the time

...... : ......

...... : ......

...... : ......

It's **2** O'clock

It's **7** O'clock

It's **1** O'clock

Lesson 5

The Money

Mr. Mohamed Nasr El Din

01210901817-01004201098

.... + ... + ... + ... + ...

.... Pounds

.... + ... + ... + ... + ... + ...

.... Pounds

.... + ... + ... + ... + ...

.... Pounds

.... + ... + ... + ... + ...

.... Pounds

.... + ... + ... + ... + ...

.... Pounds

LE 20	LE 1
LE 20	LE 1
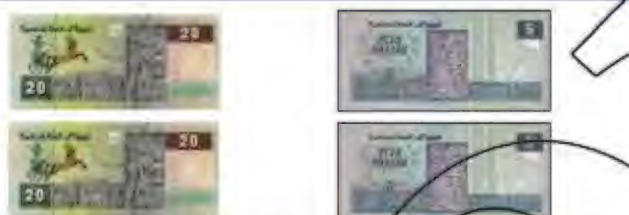
42 Pounds

27 Pounds

50 Pounds

16 Pounds

Lesson 6

Relative Positions

In front of	أمام
Behind	خلف

On	على
Under	تحت

Inside	داخل
Outside	خارج

To the right of	إلى اليمين من	To the left of	إلى اليسار من
Between	بين		

In front of / Behind

The cat is in front of the dog
The dog is behind the cat

Completet :

— Ahmed is behind ....

— Alaa is behind ....

— Alaa is in front of ....

— Samy is in front of ....

— .... is behind Alaa

— .... is behind Samy

— .... is in front of Ahmed

— .... is i

Ahmed　Alaa　Samy

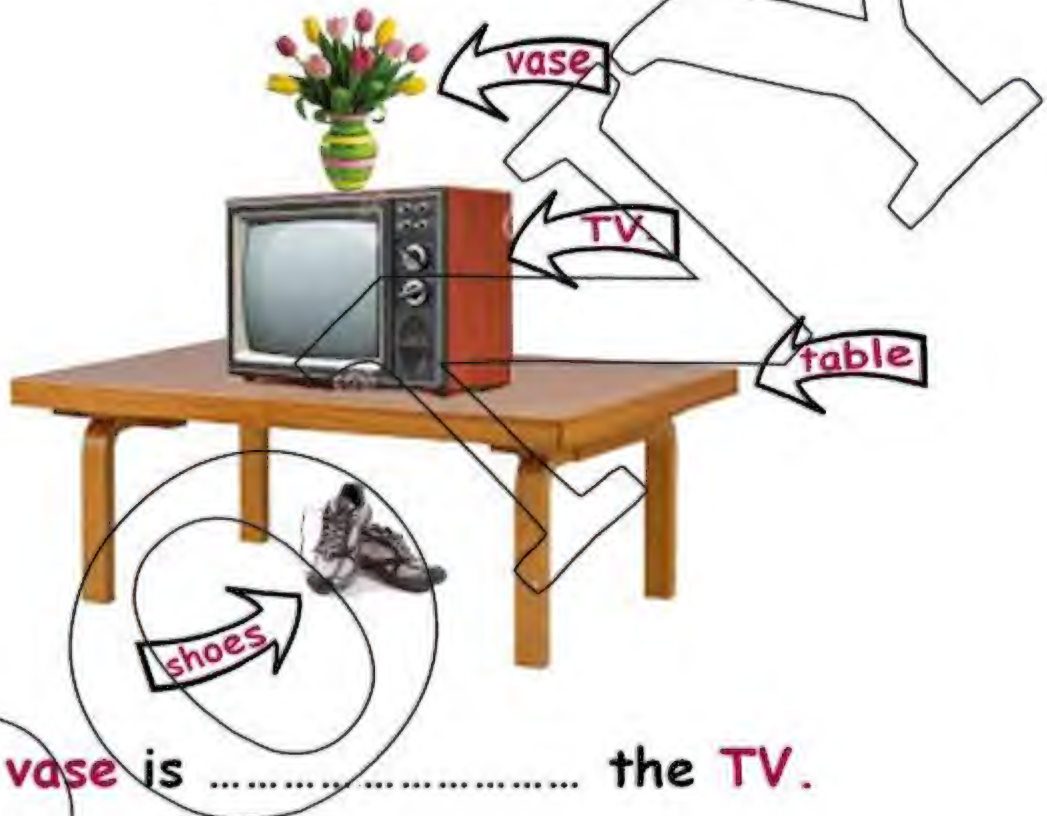**Mr. Mohamed Nasr El Din**　01210901817-01004201098

On / Under

The ball is on the table .

The basket is under the table .

Complete using (on or under)

a) The vase is ………………………… the TV .

b) The TV . is ……………………… the table .

c) The TV . is ……………………. The vase

d) The pair of shoes is ………………… the table

e) The table is ……………………… the TV .

f) The table is ……………………… the pair of shoes .

Right Hand — Left Hand

Left Hand — Right Hand

to the **Left** of

| 5 | 6 | 7 |
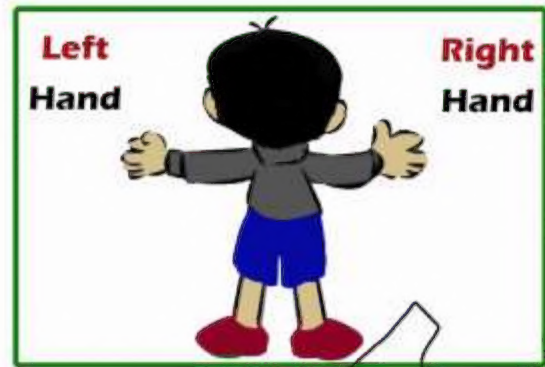
to the **right** of

The number 7 is just to right of the number 6

The number 5 is just to left of the number 6

The number 6 is between the number 5 and 7

Complete the numbers to the left of the number 8 :

| | | 3 | 4 | | | | 8 |

- The number just to the **right** of 3 is ....

- The number just to the **Left** of 5 is ....

- The number which is to the **Left** of 7 is ....

- The number which is to the **right** of 7 is ....

- The number which is **between** 3 and 5 is ....

- The number which is **between** 4 and 6 is ....

Inside / Outside
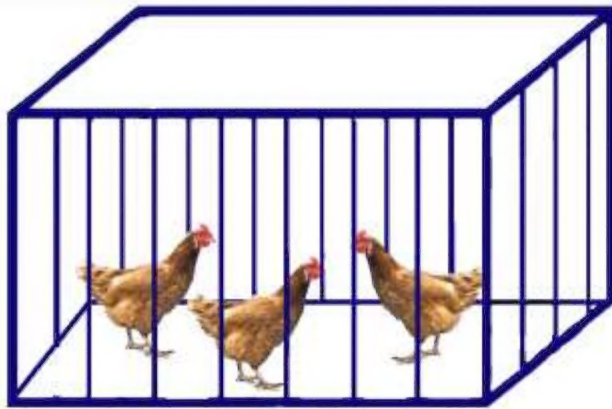
There are 3 hens inside the cage

There are 2 hens outside the cage

Complete:

There are .... hens **inside** the cage.
There are .... hens **outside** the cage.

Complete:

There are .... birds outside the cage

There are .... birds inside the cage

- Colour the birds out side the cage .

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General Exercises

Match each to its name
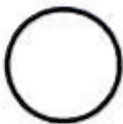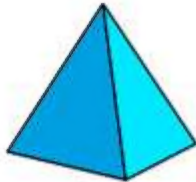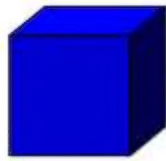
Cuboid	
Rectangle	
Cube	
Triangle	
pyramid	
Square	
Cone	
Prism	
Circle	
Cylinder	
sphere	
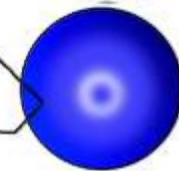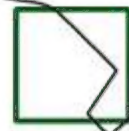
Write $\frac{1}{2}$ $\frac{1}{4}$ or $\frac{1}{3}$ under the figure :

...... ―――――― ......

...... ―――――― ......

...... ―――――― ......

...... ―――――― ......

...... ―――――― ......

Write the time shown by the clock :

09:00   It's .... O'clock

12:00   It's .... O'clock

05:00   It's .... O'clock

Write the time

Draw the hands :

It's ..... O'clock

It's ..... O'clock

It's 7 O'clock

It's 3 O'clock

.... + ... + ... + ... + ... + ... +

.... Pounds

.... + ... + ... + ... + ... + ... +

.... Pounds
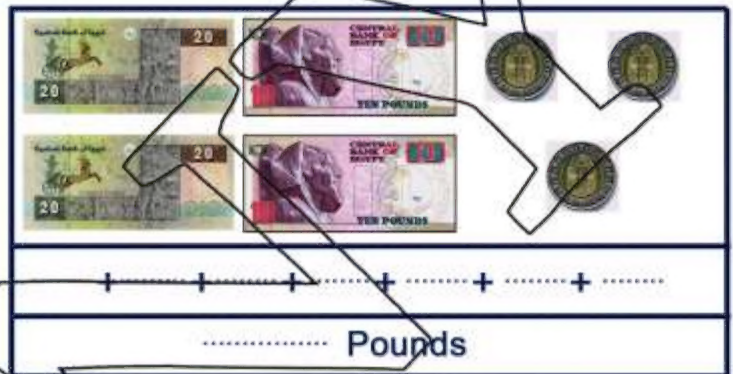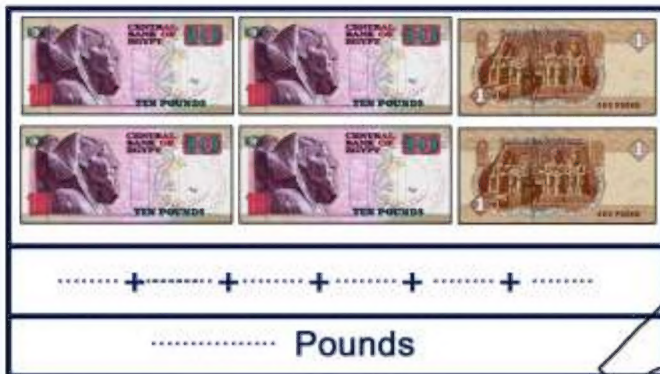
Completet :

— Ahmed is **behind** ....

— Alaa is **behind** ....

— .... is **behind** Alaa

— .... is **behind** Samy

Ahmed   Alaa   Samy

Completet : (on , under)

The ball is .... the table .

The basket is .... the table

Completet :

There are .... birds **outside** the cage

There are .... birds **inside** the cage